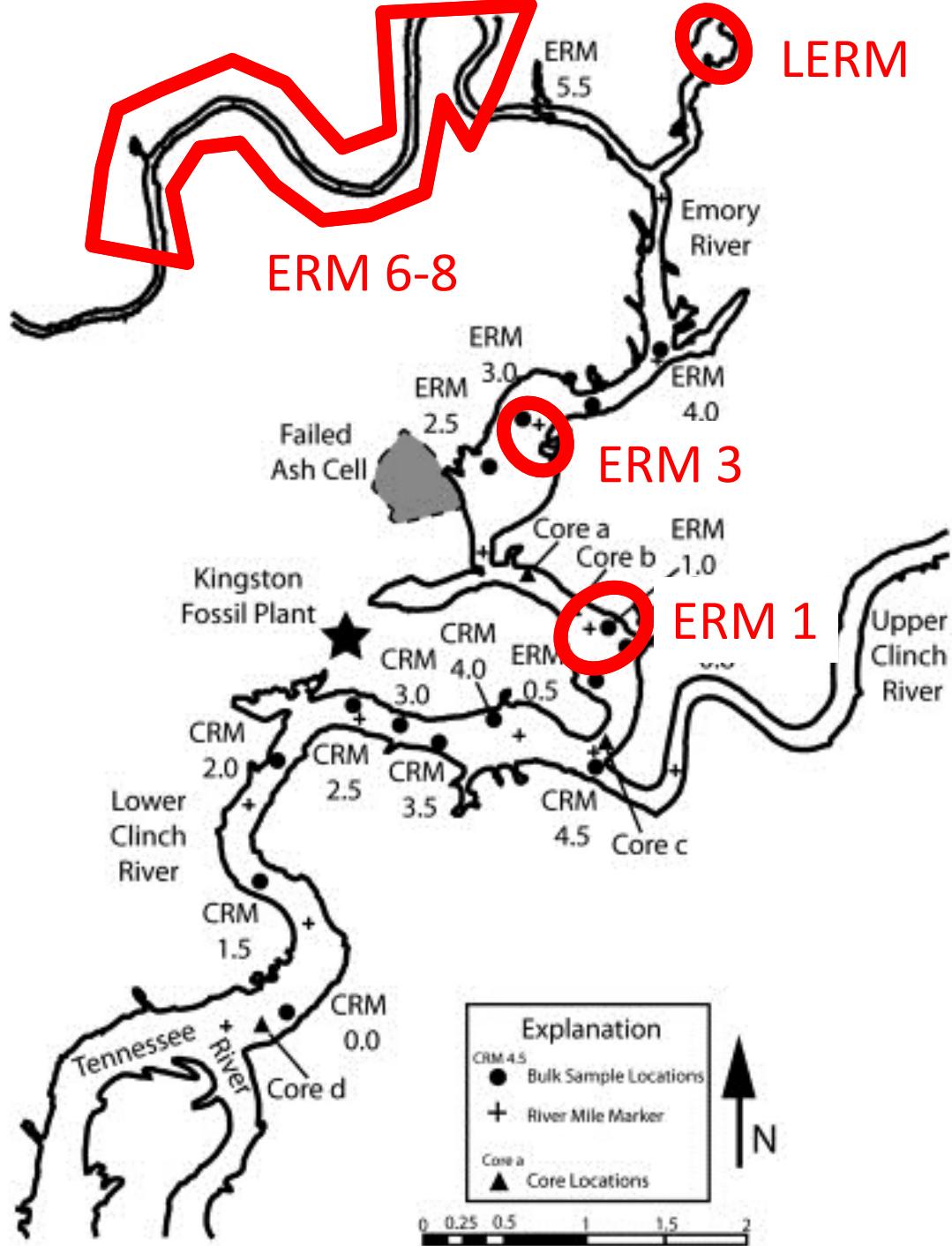


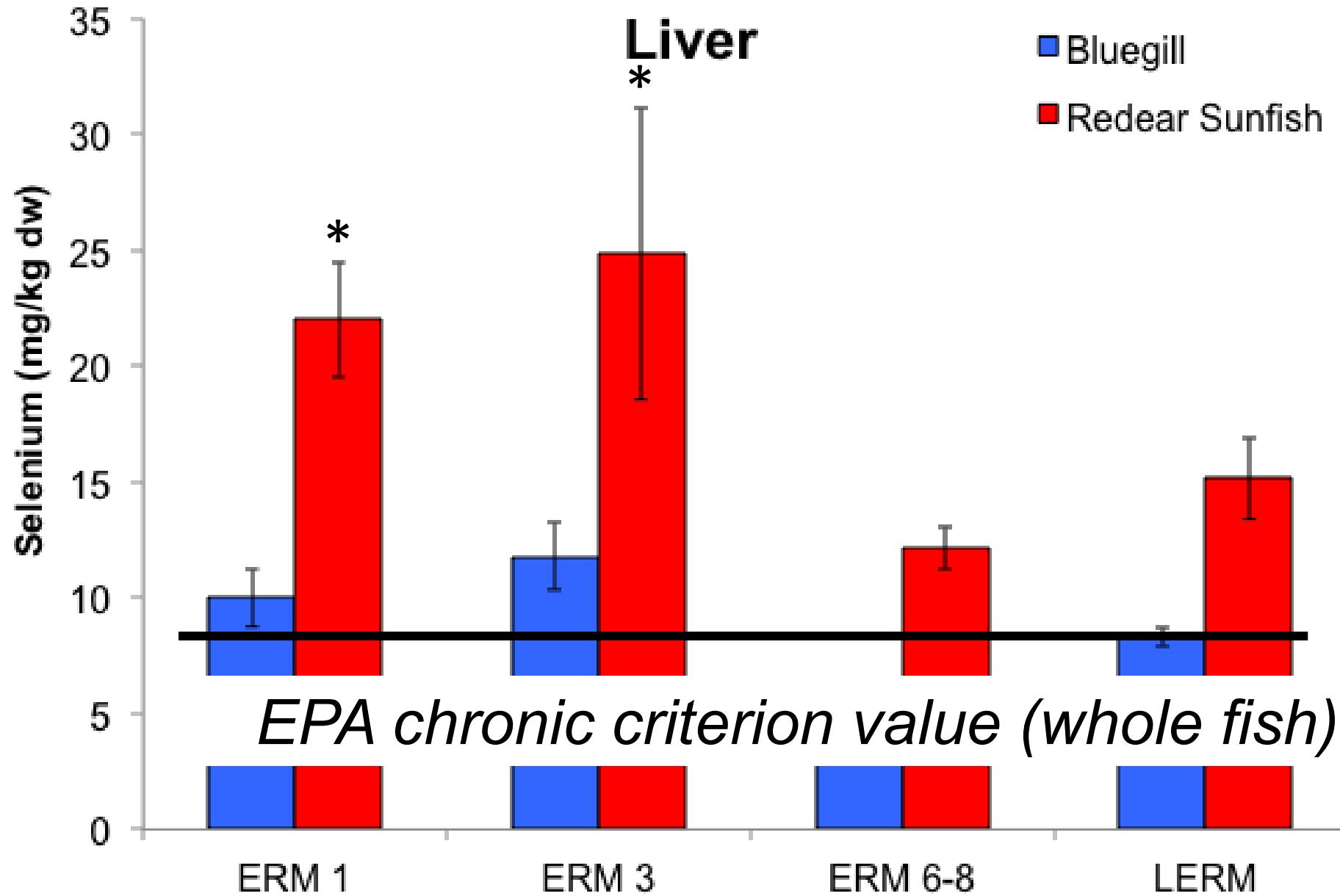
Does selenium from Kingston coal ash spill accumulate in biota?



Ryan R. Otter
David McKinney, Terry Mathews, Frank Bailey,
Bobby Brown, Susan Lainer, Don Hubbs, Bob
Read, Allison Fortner, Mary Hayden, John
Smith, Will Monroe, S. Marshall Adams



Samples taken: May 2010

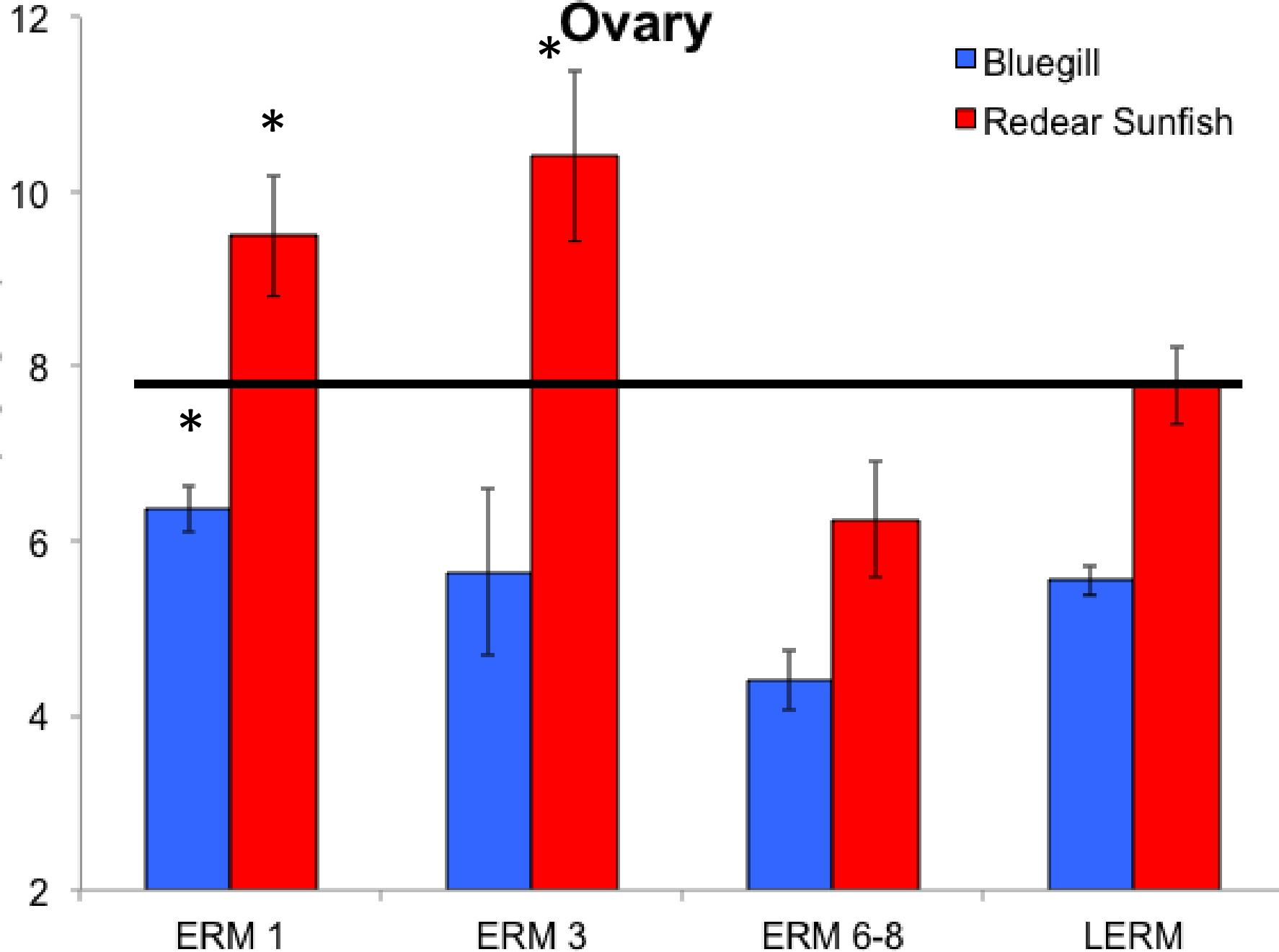


Samples taken: May 2010

*Ovary

Bluegill
Redear Sunfish

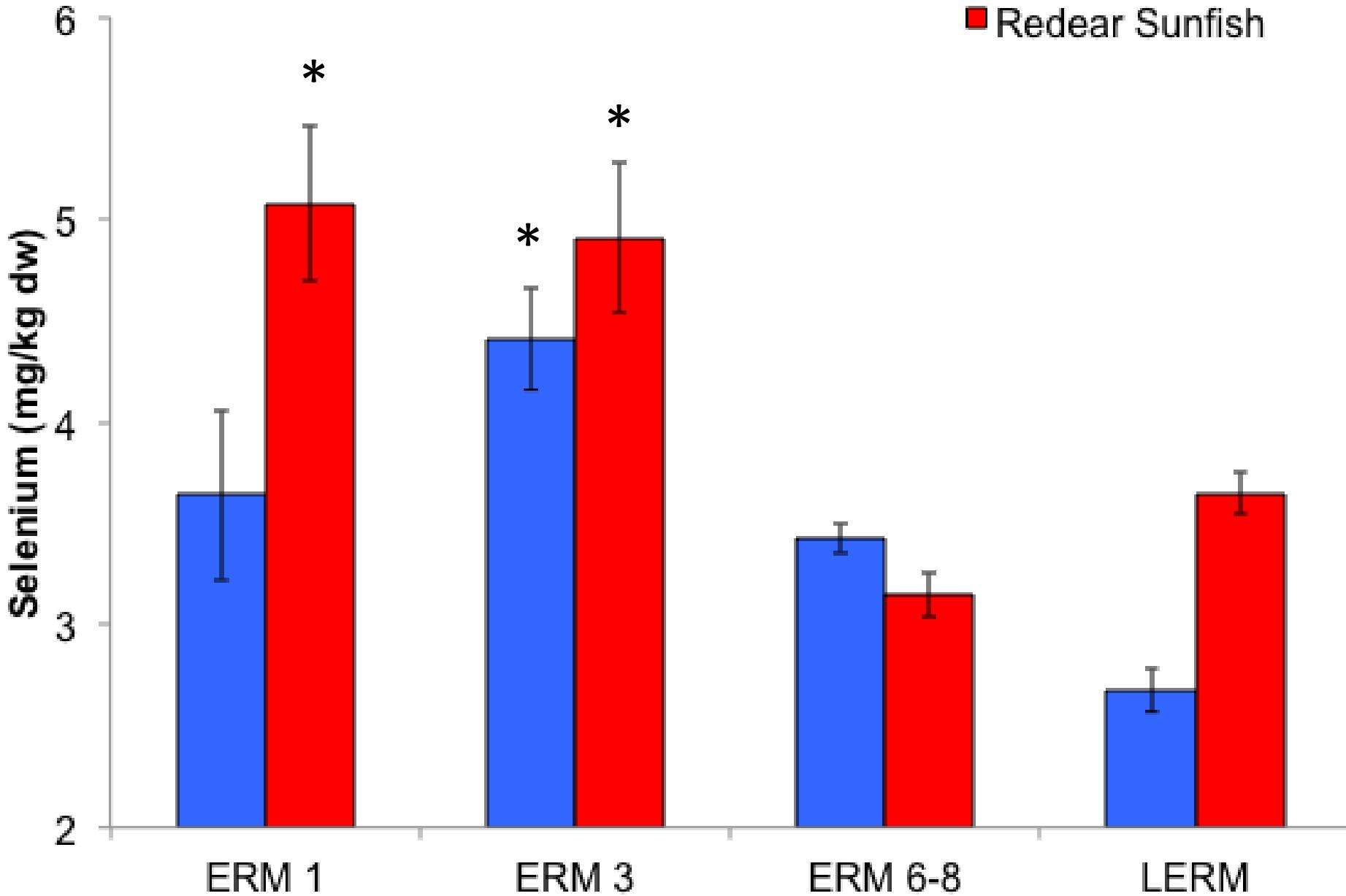
Selenium (mg/kg dw)



Samples taken: May 2010

Muscle

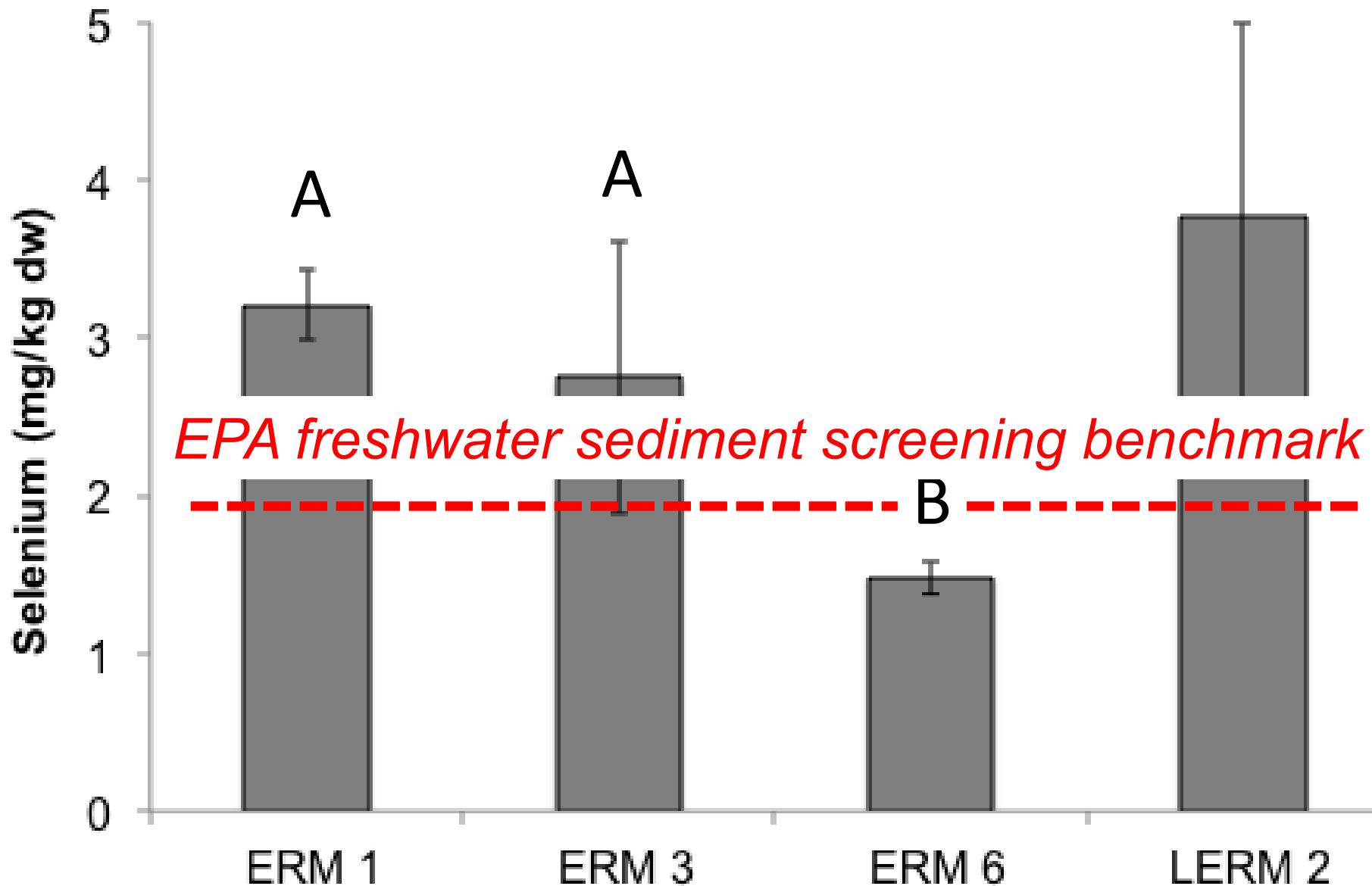
Bluegill
Redear Sunfish



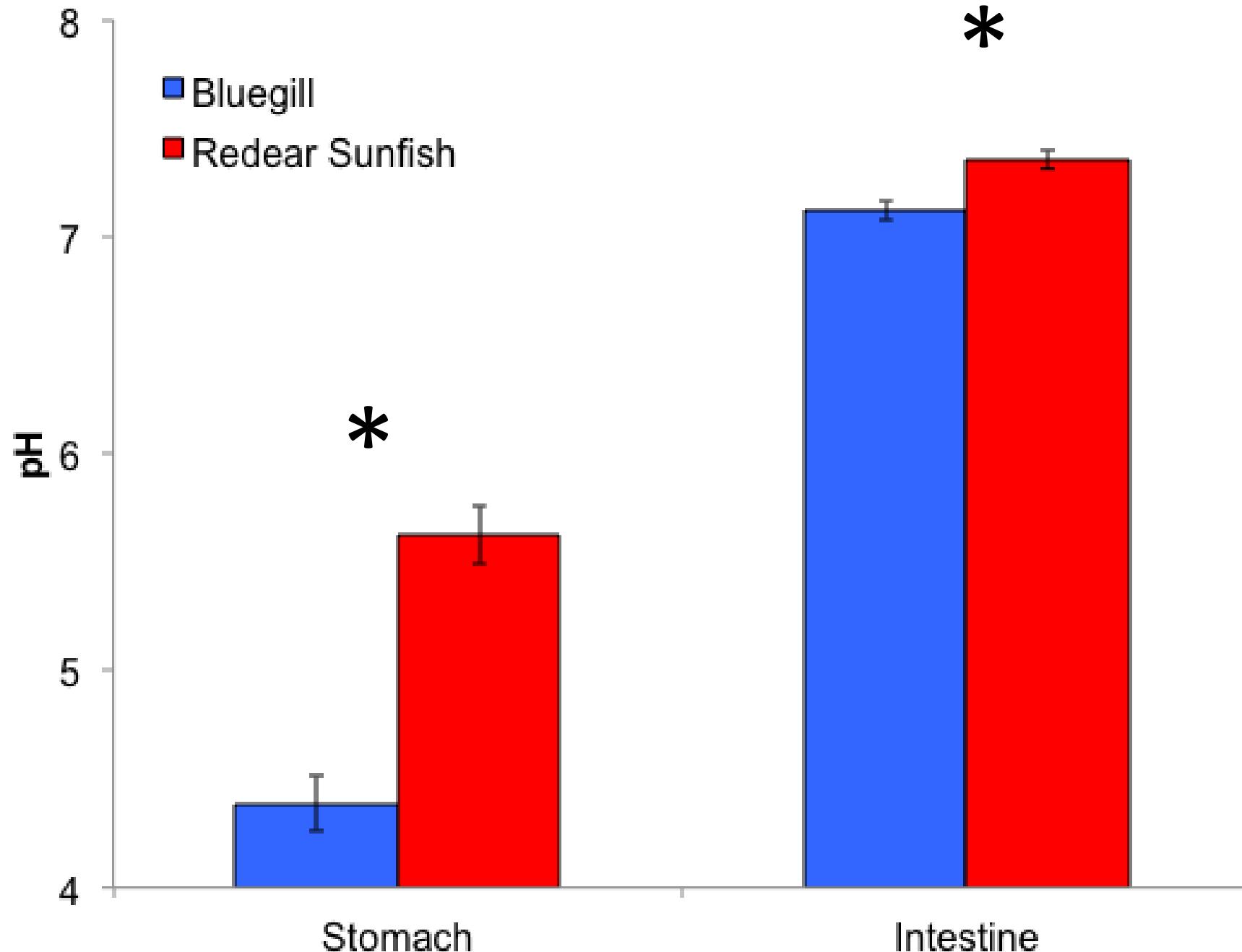
Samples taken: May 2011 – Dec. 2012

Sediment

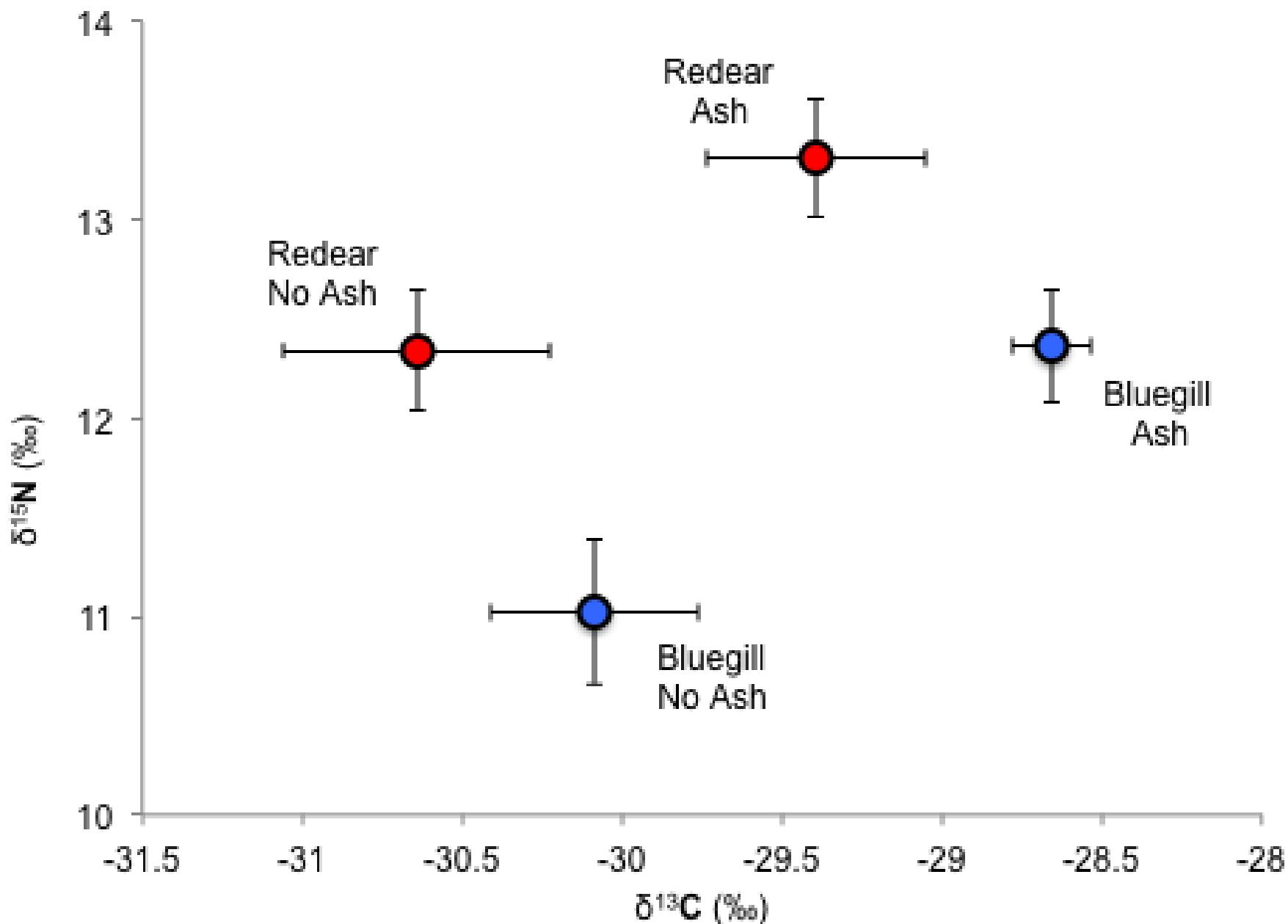
AB



Samples taken: May 2011



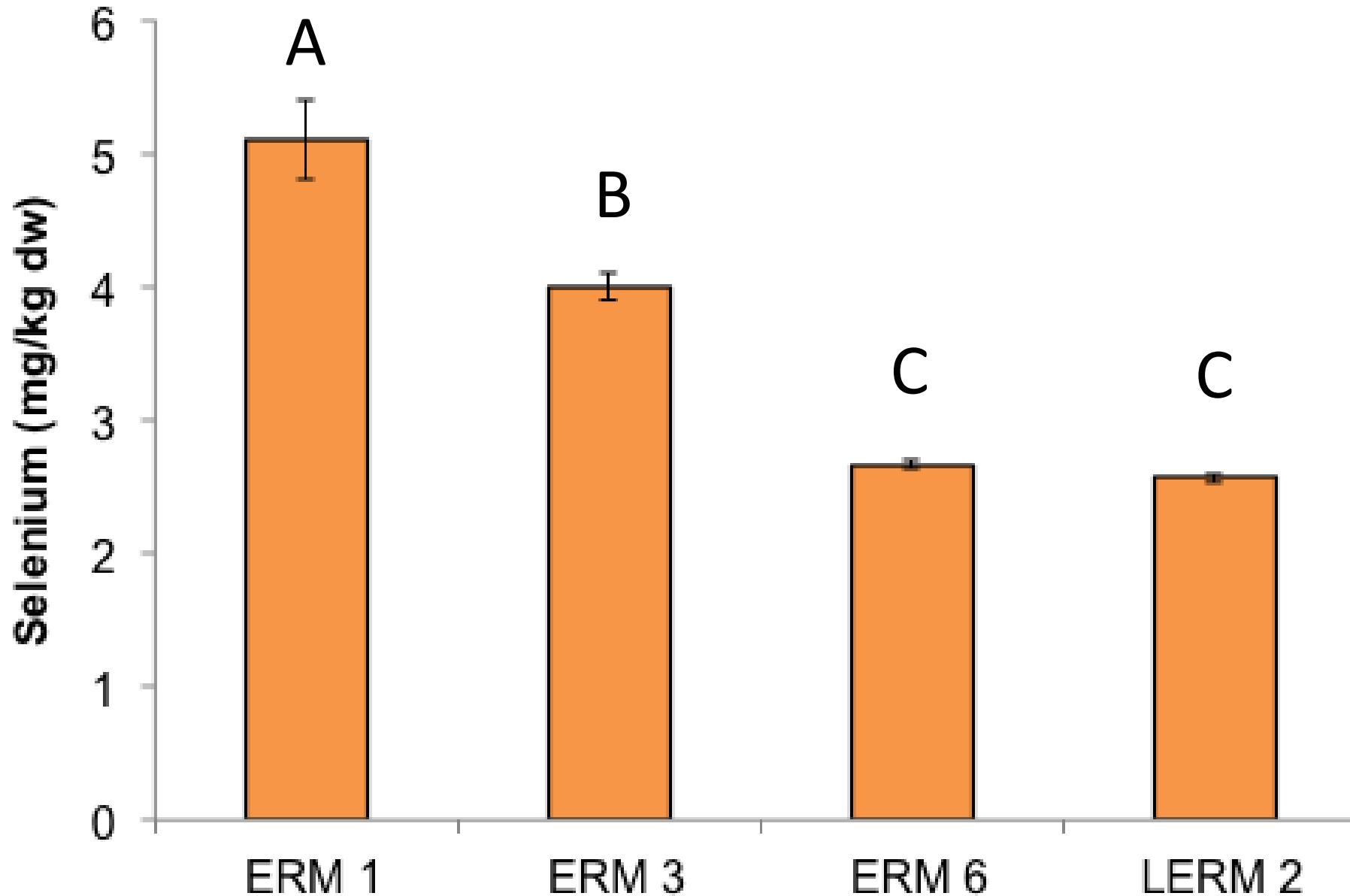
Samples taken: May 2011





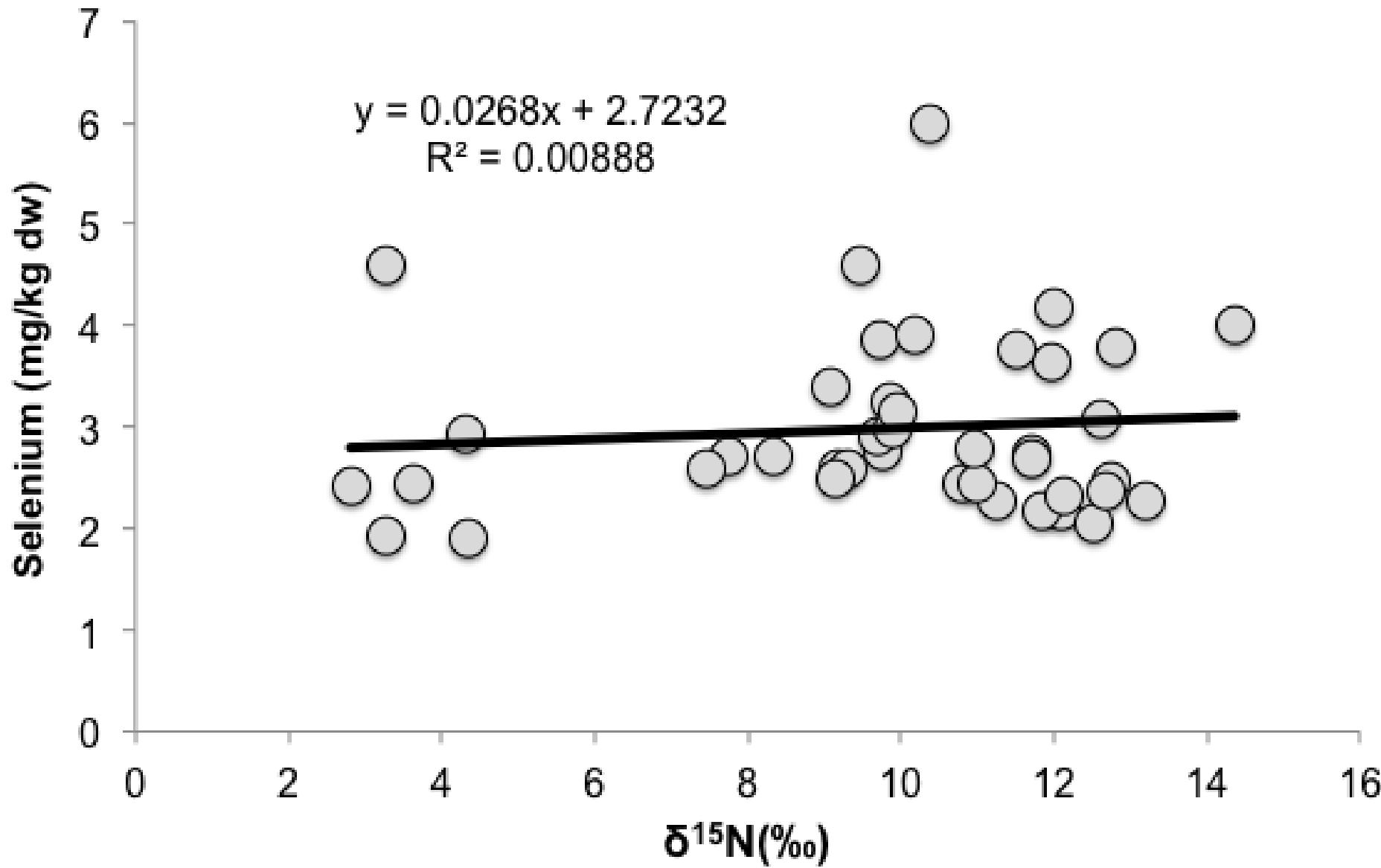
Samples taken: July 2012

Spider



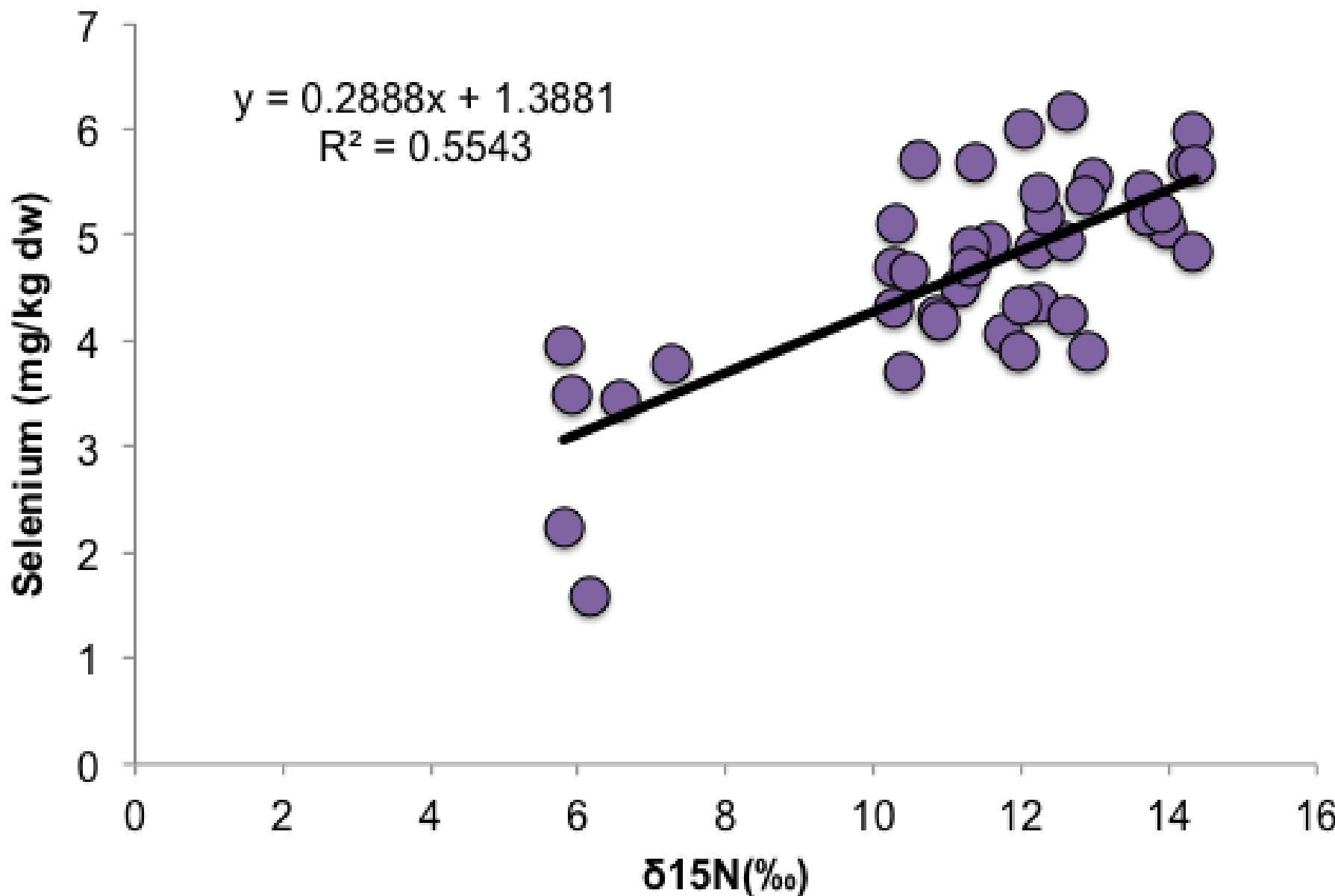
Samples taken: 2010-2012

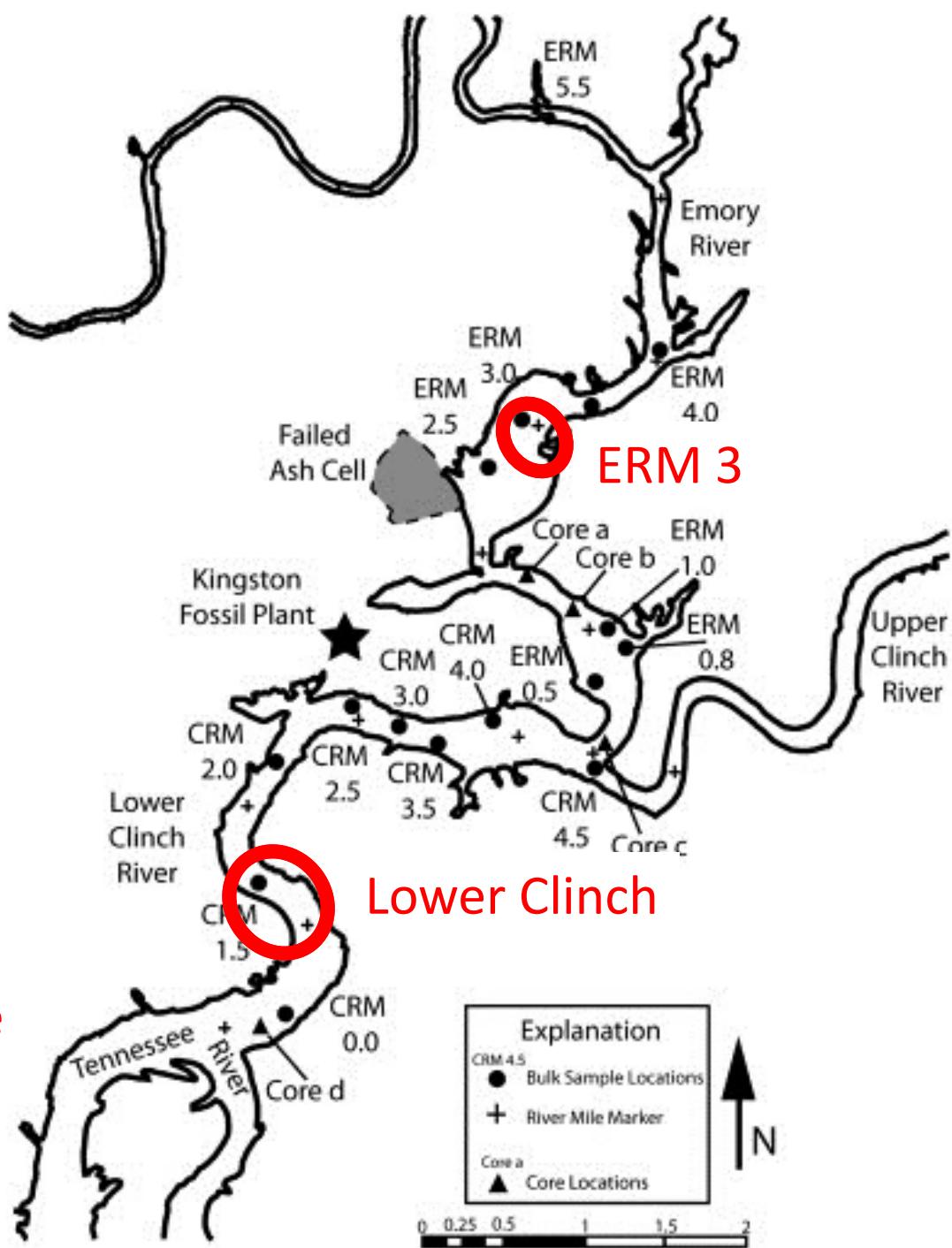
No Ash



Samples taken: 2010-2012

Ash

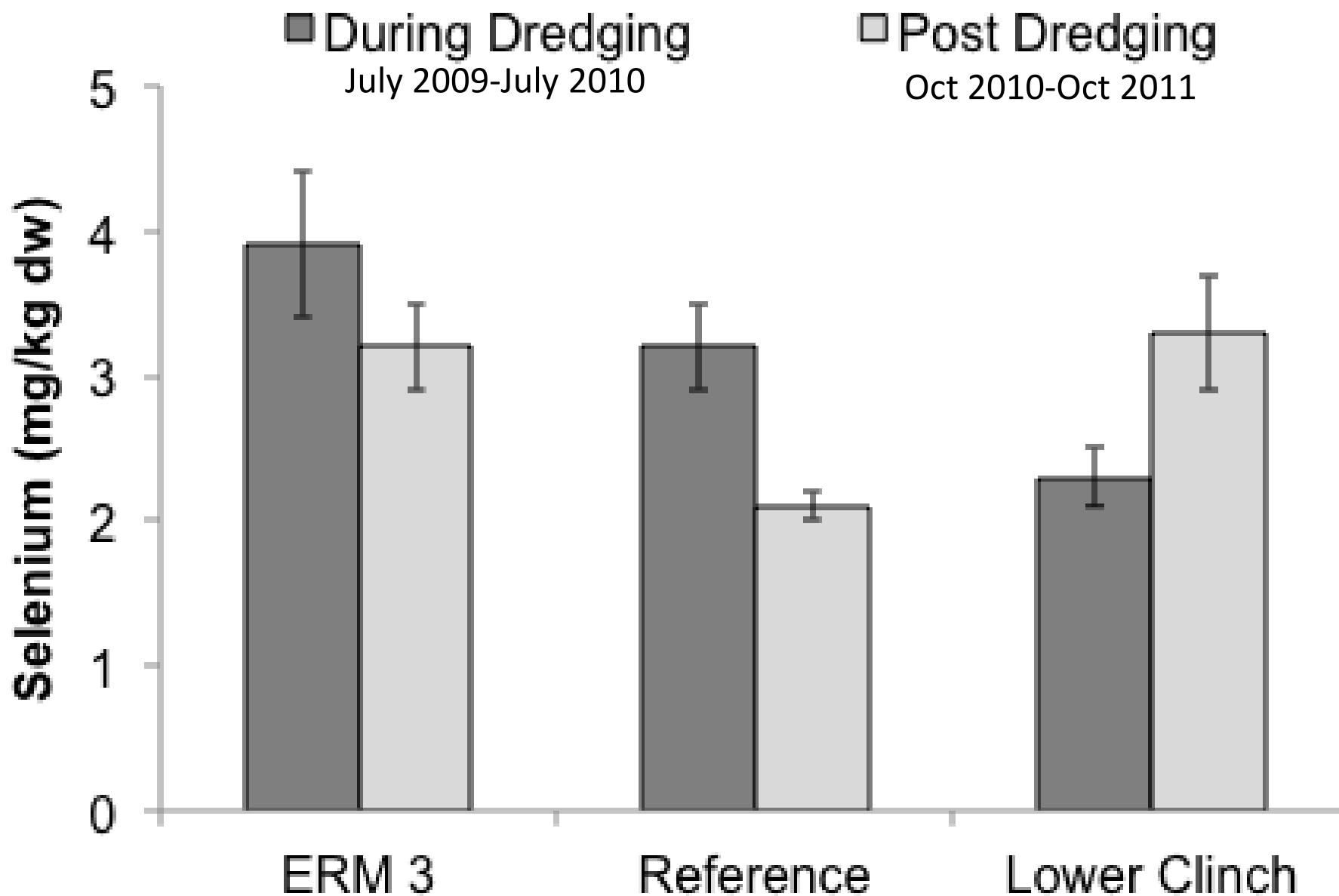




○ Reference



Black Sandshell



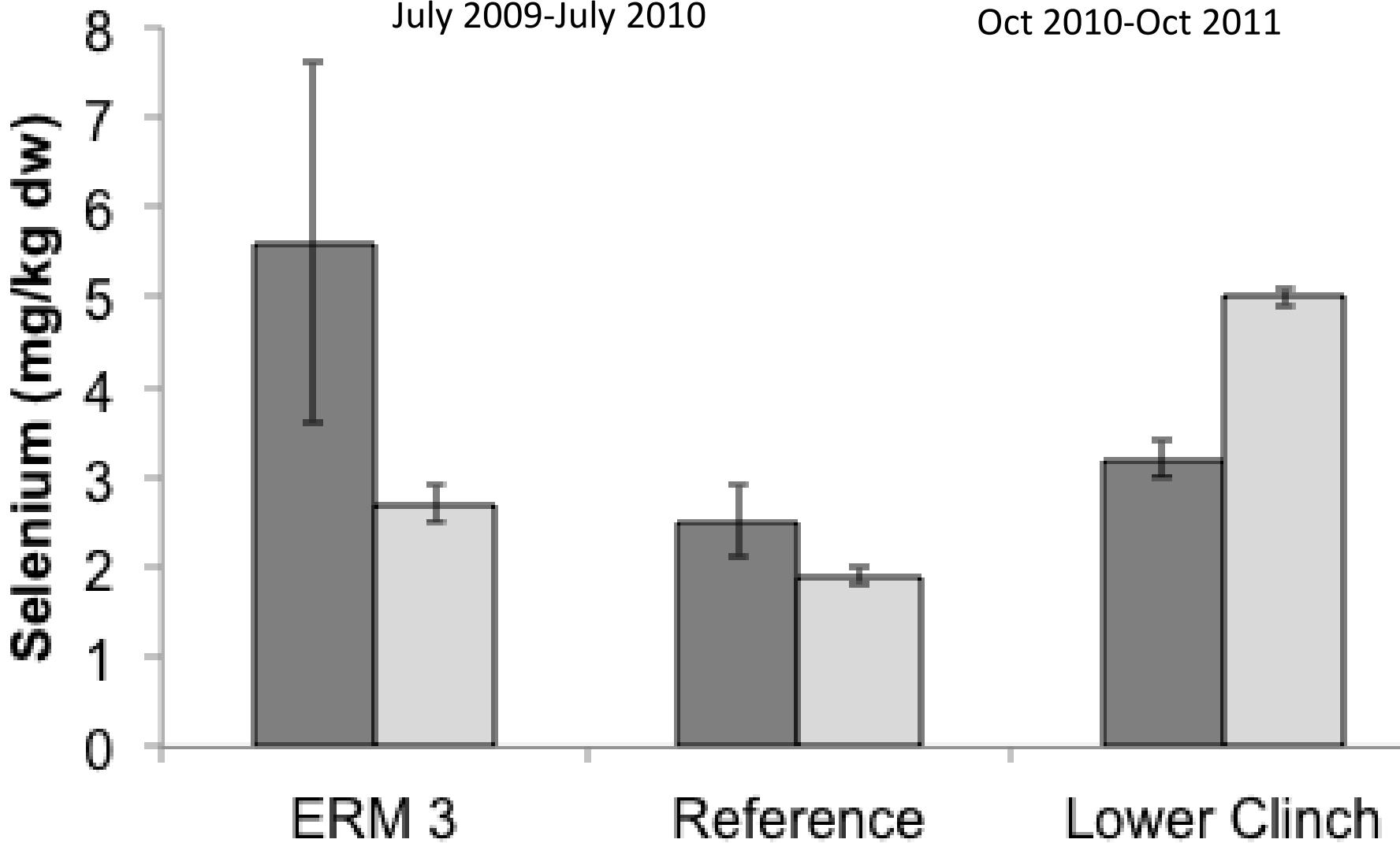
Purple Wartyback

■ During Dredging

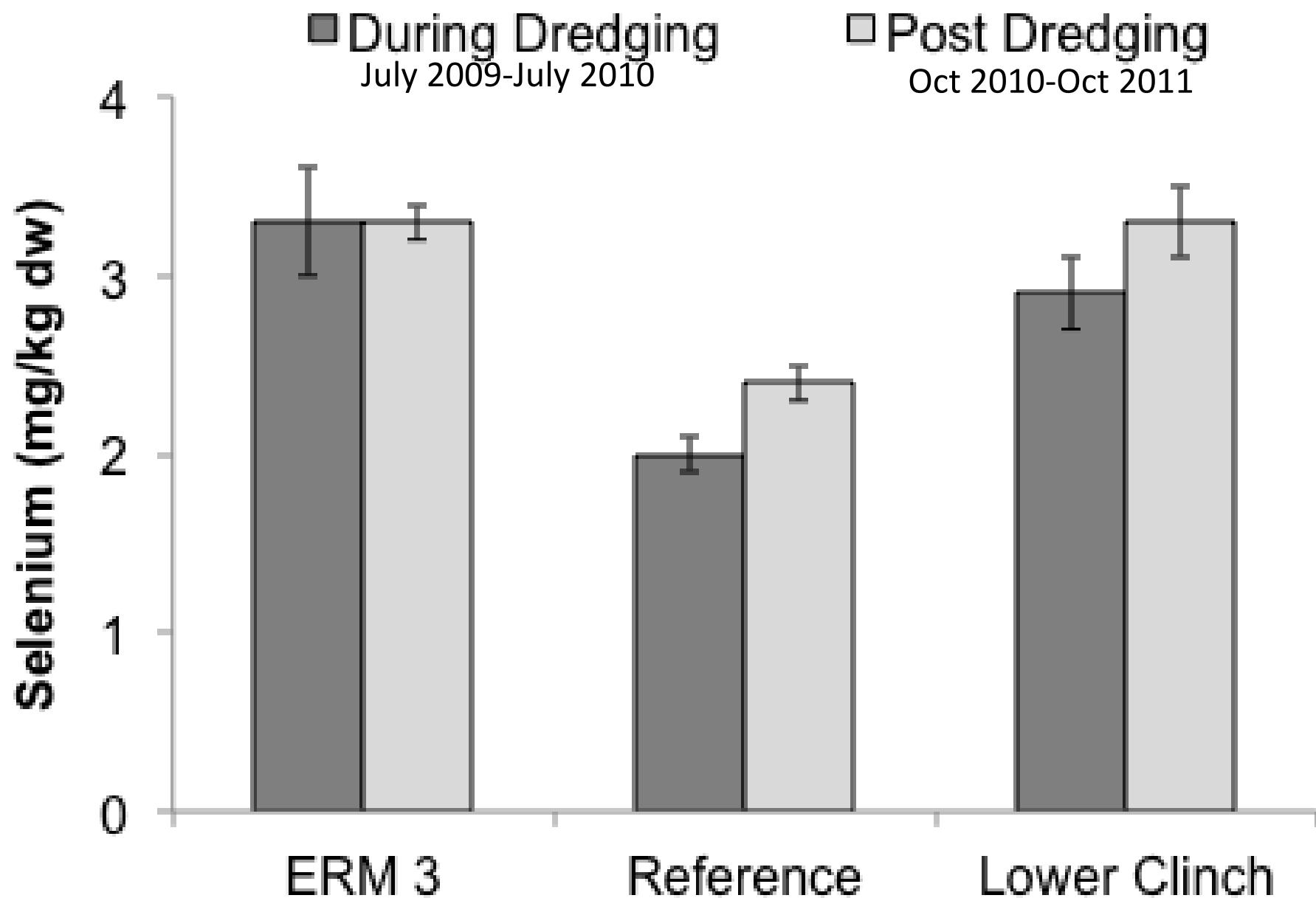
July 2009-July 2010

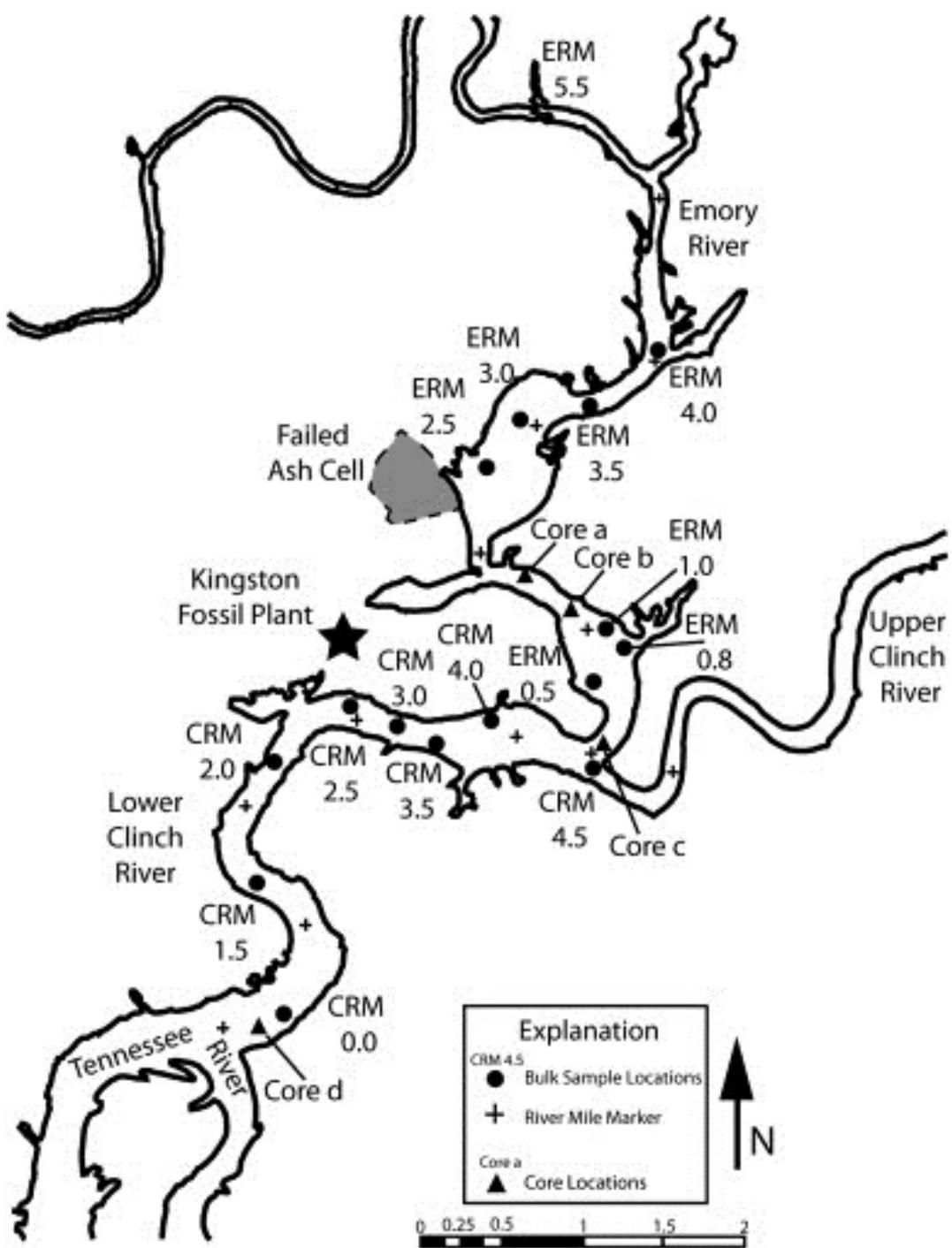
□ Post Dredging

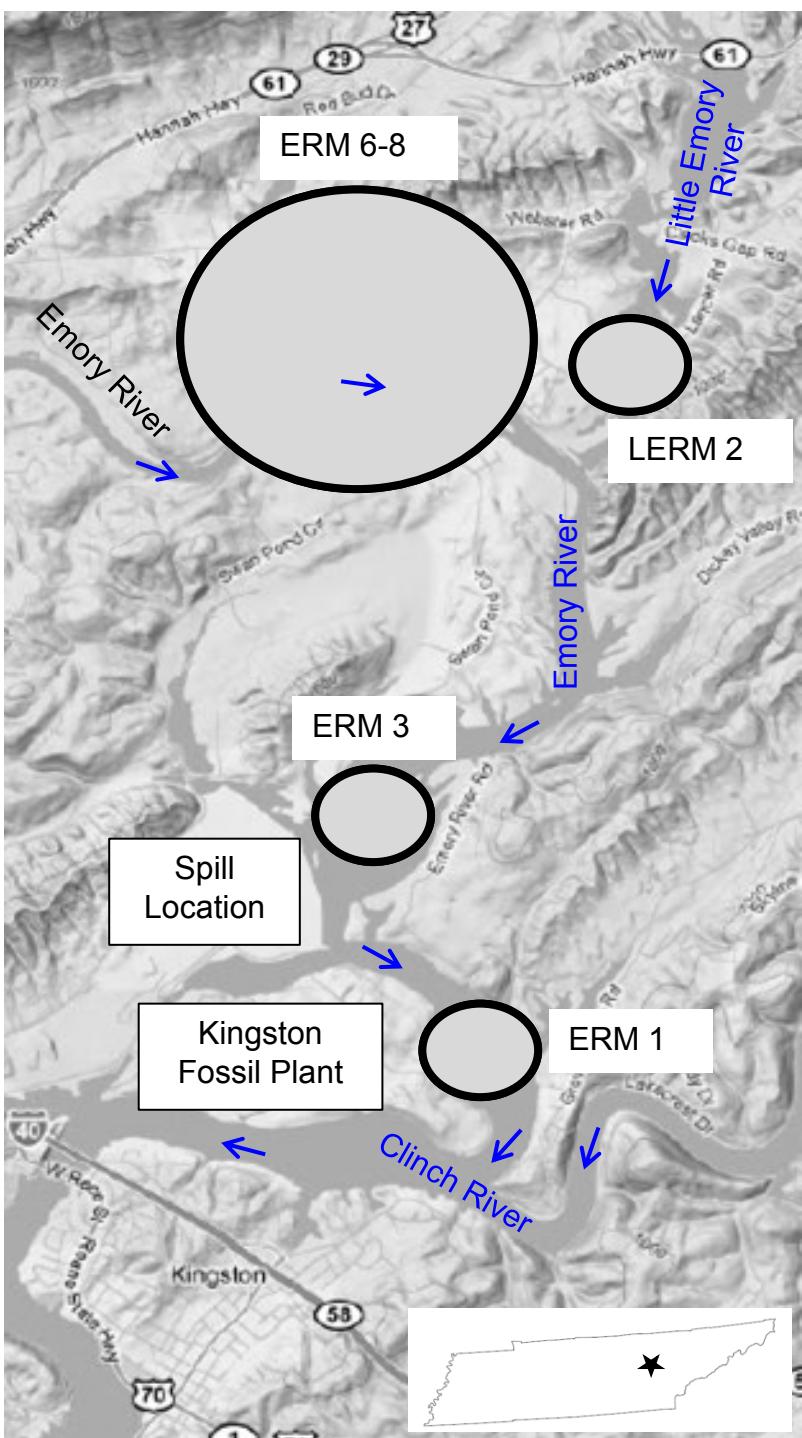
Oct 2010-Oct 2011



Elephant Ear









Black Sandshell
Ligumia recta



Pink Heelsplitter
Potamilus alatus



Purple Wartyback
Cyclonaias tuberculata



Pimpleback
Quadrula pustulosa



Elephant Ear
Elliptio crassidens